

IN THE CLAIMS:

1.-4. (Cancelled)

5. (New) A playback apparatus that performs playback of a title that includes a digital stream, and execution of an application, comprising:

a virtual machine operable to execute the application;

5 a playback control engine unit operable to perform playback control on the digital stream; and

an event manager operable to, when an event is generated in response to a user operation, judge whether or not to cause the application to process the event, and when a result of the judgment is affirmative, further operable to output one of key events to the application,

10 wherein the event manager includes an operation manager that, when the result of the judgment is negative, causes the playback control engine unit to process an operation corresponding to the event.

6. (New) The playback apparatus of Claim 5, wherein

the digital stream, the application, and an index table have been recorded on a recording medium,

5 the index table shows titles and operation mode objects in one-to-one correspondence,

the operation mode objects include an operation mode object for a movie mode and an operation mode object for a virtual machine mode, and

the judgment made by the event manager is processing of, when one of the titles corresponding to the operation mode object for the virtual machine mode is selected as a current

10 title, judging to which one of the key events an application written in the operation mode object
for the virtual machine mode corresponds.

7. (New) A program that causes a computer to perform playback of a title that
includes a digital stream, execution of an application, and the following steps:

an execution step of causing a virtual machine in the computer to execute the
application;

5 a playback control step of performing playback control on the digital stream; and
a management step of, when an event is generated in response to a user operation,
judging whether or not to cause the application to process the event, and when a result of the
judgment is affirmative, further outputting one of key events to the application,

wherein when the result of the judgment is negative, the management step causes
10 the computer to perform an operation step of causing the playback control step to process an
operation corresponding to the event.

8. (New) A playback method that performs, on a computer, playback of a title that
includes a digital stream, and execution of an application, the method comprising:

an execution step of causing a virtual machine in the computer to execute the
application;

5 a playback control step of performing playback control on the digital stream; and
a management step of, when an event is generated in response to a user operation,
judging whether or not to cause the application to process the event, and when a result of the
judgment is affirmative, further outputting one of key events to the application,

wherein the management step includes an operation substep of, when the result of
10 the judgment is negative, causing the playback control step to process an operation
corresponding to the event.